

ABSTRACT

A system for synchronizing sender sliding windows and receiver sliding windows employed in wireless packet communication is provided. The sender sliding window buffers outgoing packets to be sent to a receiver that employs a receiver sliding window to buffer incoming packets. A sender window manager manages the sender sliding window through positive acknowledgement, negative acknowledgement and/or timeout processing to facilitate synchronizing the sender sliding window with the receiver sliding window without employing synchronization messages or master/slave control. Similarly, a receiver window manager manages the receiver sliding window through sequence number analysis to facilitate synchronizing the receiver sliding window with the sender sliding window without employing synchronization messages or master/slave control.